

MD iMAP Technical Committee Meeting Minutes for February 2021

Place: On-Line Only Attendance due to COVID19 Social Distancing

Date: 02/02/2021; Time: 1:00PM – 2:00PM

Phone Attendees: Kevin Coyne (DNR); John Lesko (DoIT); Lisa Lowe (DoIT), Marshall Stevenson (SHA/WBCM), Elliott Plack (SHA/KCI), Conrad Schaefer (DoIT), Darren Lloyd (DoIT), Gary Maragos (MDP), Jason Keppler (MDA), Bill Fearington (DHS), Brad Wolters (DHCD), Scott Hansen (MDP), Leah Visakowitz (McCormick Taylor), Rowland Agbede (MDA), Kate Majchrzak (MDE), Dave Tomb (SHA/MES) and Andrew Bernish (MDOT).

Agenda

Introductions

Maryland Enterprise Software & MD iMAP 3.0 Update – John Lesko

- DoIT continues working to support other agencies in the response to COVID-19:
 - The GIO team continues to support a COVID-19 ArcGIS Hub site to provide support to MDH during response. (visit <https://coronavirus.maryland.gov/>)
 - Upgrades and additions to the Hub site include the following:
 - To track the Percent of the Population tested for COVID-19 by County, GIO developed a colorized bar chart. The aim of the color coding is to show each County's progress in having their population tested. 24 of 24 counties have achieved the 30% level. Note that Baltimore City now leads the Counties in the present of population tested at 65.8%. Somerset County has increased (55.7% February vs. 30.7% August); Cecil County has tested (39% February vs. 13.9% August) of its residents tested. This chart is updated daily.
 - A new chart is available on the dashboard for vaccinations. The Vaccination Dashboard has incorporated the graph appearance to show the percentages of 1st dose and 2nd dose administered per jurisdiction. The new chart is located in the "Vaccinations in Maryland" section of the site.
 - The "Vaccinations in Maryland" dashboard is located near the bottom of the coronavirus.maryland.gov page. The page was recently re-designed. First and second doses distributed and administered are updated everyday.
 - The Vaccinations main map provides a snapshot of the percentage of vaccinations that have occurred in each region. The map is available in the second window of the page.
 - GIO created the Maryland site "Find a Vaccination Site". Modeled after the "Find a COVID-19 Test Site" the Vaccination site functions in much the same way as the Testing site. Users can enter an address and the site will provide a listing of available vaccination sites within a specified radius of the address.

- If a user selects the button at the bottom of the page “Download Vaccination Site List” the user will be directed to an ESRI site which provides a listing and a map of the available sites.
- The testing site continues to be one of the busiest pages. The site was again re-designed and is a central repository for testing information and announcements. This slide shows the old page.
- There are currently 36 COVID-19 related data sets available for public consumption on the Maryland Socrata Open Data site. Under the “Health” category, simply enter COVID-19 in the search box and the list of available data sets will display.
- There are currently 48 COVID-19 related data sets available for public consumption on AGOL. The data sets are available by selecting the “Search” box on the coronavirus.Maryland.gov site.

“Mapillary-MDOT SHA Capturing Street Level Imagery”; Elliott Plack, Sr. Business Analyst, KCI; & Marshall L. Stevenson, VP, Geospatial Innovations, WBCM;

- Mapillary is equivalent to Google Street View;
- Provide timely record of present roadway conditions,
- Captures the project area, post and imagery may be available to view in a day or two;
- Imagery is acquired, uploaded via wifi, processed by Mapillary;
- Image files may also be uploaded to a server for internal use;
- Mapillary “scrubs” faces, address numbers and license plate numbers before making the imagery available for public consumption;
- Can acquire the imagery with any camera system, mobile phone, ipad, etc...
- Good for inspection of current conditions and safety requirements for construction sites;
- Allows for a “record” of project; can be acquired at regular time intervals to record project progress;
- Able to integrate AGOL, web apps and develop a workflow;
- Compatible with drone imagery;
- Imagery can be used for machine learning and feature recognition and extraction;
- MDOT vehicles are able to acquire imagery with GoPro acquisition cameras;

MD iMAP 3.0 Update – John Lesko

- The Maryland Department of Natural Resources (DNR) request to migrate to the enterprise GIS platform has been approved for deployment. The servers have been created. GIO is working with ESRI on the installation. The next meeting is on Feb.8. The meeting will focus on moving the features to the new servers.
- The Maryland Department of Commerce requested assistance (Ticket RITM0117808) for generating and posting tax credit maps to MD iMAP for the years 2016-2019. Dashboard is in final review.

- DBM provided DoIT GIS/BI team with updated financial data. DoIT processed the data and revised the web pages accordingly. Only the Operating Budget, the Higher Education, the State Agency Full Time Equivalents, and Funding Source pages were updated.
- DOIT GIS/BI is in the process of appending the FY 2020 County Board of Education Spending Disclosure data. Most of the counties have provided their data but a few remain to submit. All data is expected to be appended within the next two weeks.
- DoIT GIS/BI updated the Maryland Parcels and Points. Data may be accessed through the REST end points:

https://geodata.md.gov/imap/rest/services/PlanningCadastre/MD_ParcelBoundaries/MapServer

https://geodata.md.gov/imap/rest/services/PlanningCadastre/MD_PropertyData/MapServer/0
- MD DOIT GIO Highlights and Initiatives;
 1. Redesign of the MD iMAP platform. Investigating a move to a HUB site environment;
 2. Early discussion for moving to MD iMAP 4.0;
 3. Update of the MD iMAP Communication Plan;
 4. Continue to expand QLIK users and migrating users from Power BI to the QLIK platform;
 5. Continue to support and expand the data available on the Open Data platforms;

Subcommittee Updates

Training – Lisa Lowe

- No updates at this time. Due to budget constraints, we are still unable to conduct training.

Centerlines – Marshall Stevenson

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Composite Locator – Lisa Lowe

- I am currently working on the next quarterly update for the composite locator. This is taking a little longer than usual because some of the counties had schema changes.

Imagery – Lisa Lowe

- I am pleased to announce that I should receive the 2020 western shore imagery within the next week or two. The imagery will be distributed to the counties and will be made available on MD iMAP. The image service will be

updated to reflect the new imagery and will be available before the map service. The map service will take a while to publish because of all the cache levels that need to be built.

Lidar – *John Lesko*

° Roger Barlow informed DoIT that all of the 3DEP airborne lidar was acquired for the 6 Maryland counties which includes Harford, Cecil, Queen Anne's, Worcester, Wicomico and Somerset

Action Items

- None identified

Additional Business

- Anticipate that next month's guest speaker will be Matt Viverito from ESRI